



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known			
		Application Number	10/603,010		
		Filing Date	June 24, 2003		
		First Named Inventor	Joel L. Williams		
		Art Unit	1762		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	2	Attorney Docket Number	47526/P007C1/10304861

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code* (if known)			
X	A1	1,835,741 *	Dec. 08, 1931	Allen	
	A2	2,118,549 *	May 24, 1938	Cochrane, Jr.	
	A3	2,252,345 *	Aug. 12, 1941	Johnson	
	A4	2,309,090 *	Jan. 26, 1943	Bauer, et al.	
	A5	2,325,798 *	Aug. 03, 1943	Porter	
	A6	2,347,643 *	May 02, 1944	Schieman	
	A7	2,364,505 *	Dec. 05, 1944	Bennett	
	A8	2,766,807 *	Oct. 16, 1956	Marian	
	A9	3,196,038 *	Jul. 20, 1965	Schoch, et al.	
	A10	3,231,418 *	Jan. 25, 1966	Muggleton	
	A11	3,320,086 *	May 18, 1967	Rose, et al.	
	A12	3,620,899 *	Nov. 1973	Kelly, et al.	
	A13	3,716,395 *	Feb. 13, 1973	Bauer, et al.	
	A14	3,899,615 *	Aug. 12, 1975	Wallsten	
	A15	3,900,690 *	Aug. 19, 1975	Schwarz	
	A16	3,936,582 *	Feb. 1976	Kaiser	
	A17	4,064,297 *	Dec. 20, 1977	Power, et al.	
	A18	4,158,712 *	Jun. 19, 1979	Degens	
	A19	4,172,160 *	Oct. 23, 1979	Stoner, III	
	A20	4,177,304 *	Dec. 04, 1979	Berry	
	A21	4,244,990 *	Jan. 13, 1981	Mayerhoffer	
	A22	4,311,748 *	Jan. 19, 1982	Casey, et al.	
	A23	4,354,449 *	Oct. 19, 1982	Zink	
	A24	4,358,481 *	Nov. 09, 1982	Wallsten	
	A25	4,391,833 *	Jul. 05, 1983	Self, et al.	
	A26	4,473,613 *	Sep. 25, 1984	Jaisle, et al.	
	A27	4,499,125 *	Feb. 12, 1985	Blasing, et al.	
	A28	4,510,199 *	Apr. 09, 1985	Brook	
	A29	4,533,600 *	Aug. 06, 1985	Coughlan, et al.	
	A30	4,609,589 *	Sep. 02, 1986	Hosoda, et al.	
	A31	4,629,634 *	Dec. 1986	Coughlan, et al.	
	A32	4,657,783 *	Apr. 14, 1987	Tatt, et al.	
	A33	4,822,640 *	Apr. 18, 1989	Tuhkanen, et al.	
	A34	4,853,255 *	Aug. 01, 1989	Onishi, et al.	
	A35	4,961,964 *	Oct. 09, 1990	Dahlgren	
	A36	5,084,318 *	Jan. 28, 1992	Stirling, et al.	
	A37	5,089,296 *	Feb. 18, 1992	Bafford, et al.	
	A38	5,395,690 *	Mar. 07, 1995	Kawahata, et al.	
	A39	5,492,722 *	Feb. 20, 1996	Tait, et al.	
	A40	5,510,161 *	Apr. 1996	Lloyd	
	A41	5,714,269 *	Feb. 03, 1998	Munzo Madrid	
	A42	5,753,871 *	May 1998	Kahara et al.	
	A43	6,001,490 *	Dec. 19, 1999	Reinacker, et al.	
	A44	6,610,358	Aug. 26, 2003	Williams, et al.	
	A45	3,983,307 *	Sep. 1976	Power, et al.	

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Sheet	2	of	2	Attorney Docket Number	47526/P007C1/10304861

A46	10/602,511	Williams, et al.
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ²	Number-Kind Code ³ (if known)			
	B1	EP	0,870,872 *	Dec. 18, 2002	Ahlstrom Osnaburck GmbH	
	B2	JP	61,293,231 *	Dec. 24, 1986	Sanyo Kokusaku Pulp Co Ltd.	
	B3	JP	00,462,761 *	Jan. 23, 1971	Yamada Kakoshi Kojo GK	
	B4	JP	05,200,745 *	Aug. 10, 1993	Matsushita Electric Works Ltd.	
	B5	JP	60,119,296 *	Dec. 01, 1983	Toppan Printing KK	
	B6	CA	2,107,277	May 04, 1994	Valmet Paper Machinery Inc.	
	B7	WO	94/12347 *	June 09, 1994	Casco Nobel AB	
	B8	EP	0 511 129 *	Oct. 28, 1992	Establishments Elce	
	B9	UK	1,060,155 *	Mar. 01, 1967		

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¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	C1	BILLMEYER, Jr., Fred W., "Text Book of Polymer Science", 3 rd Edition, 1984, pp. 441-442.		
	C2	European Search Report, dated June 28, 2000 (App. No. EP 00 10 4402) *		
	C3	European Search Report, dated June 28, 2000 (App. No. EP 00 10 4486) *		

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